Guard Depth Gauge

Safety • Speed • Control
D-6 and D-8 Guard Depth Gauge®

New Tool-Less Design

THE GUARD DEPTH GAUGE CONTROLS THE DEPTH OF CUT

- Eliminates the danger of cutting through rafters.
- Eliminates the need to "feel" for and "roll" rafters.
- Speeds ventilation cuts… Gets you off the roof faster.
- New tool-less design allows removal, adjustment or installation in seconds.
- Large depth of cut scale… Infinite adjustment from 0" to 8" deep.
- Large adjusting knob for fast adjustments with gloves on.
- Can be removed in seconds for conventional chain saw applications.
- Will retrofit all Cutters Edge Saws.

GET THE EDGE

THE GUARD DEPTH GAUGE COVERS THE ENTIRE CUTTING CHAIN

All specifications are subject to change without notice.

Fire Rescue Saw Specifications

Model CE-2165-RS

ENGINE
TYPE: Single-cylinder 2-cycle, with loop scavenging
DISPLACEMENT: 4.0 cu. in. (65.1 cc)
BORE: 1.89 in. (48 mm)
STROKE: 1.4 in. (36 mm)
COMPRESSION RATIO: 9.4:1 (±0.3)
BEARINGS: Heavy-duty deep-groove ball bearings on crankshaft, needle cage bearings on connecting rod, piston pin and clutch.
CYLINDER/PISTON: Open ported, single ring design with four transfer ports.
CYLINDER MATERIAL: Nikasil
MAX ENGINE SPEED: No load… 12,500 RPM

IGNITION SYSTEM
TYPE: Electronic, one piece modular, CD
BRAND: FHP
SPARK PLUG: Champion CJ7Y or equivalent
GAP: 0.020 in. (0.5 mm)

STARTING SYSTEM
ONE STEP STARTING SYSTEM WITH COMPRESSION RELEASE
Comprised Of…
Momentary contact switch
Combined choke/throttle lock with throttle safety guard.

AIR FILTRATION
SYSTEM: "RAM-AIR" with metered stack
TYPE: 4-stage, oil tack barrier, external mount
SURFACE AREA: 211.4 Square Inches
MICRON RATING: < 1 micron

FUEL & ENGINE LUBRICATION
GASOLINE OCTANE RATING: Use 87 octane or higher.
FUEL MIX OIL/RATIO: With Cutters Edge Synthetic Oil: …100:1
If petroleum base 2-cycle oil used: …50:1
FUEL TANK CAPACITY: 26.8 fl. oz. (0.77 liters)

CARBURETOR ISOLATION
Designed to eliminate Vapor-lock and vibration
TYPE: Air gap isolation and Bakeolite insulation Pressurized carburetor compartment keeps out dirt.

DRIVE SYSTEM
TYPE: Inboard, 3-shoe centrifugal clutch
STYLE: Rim & Drum System
Radially Ported to keep rim free of tar & debris build-up… free floating to keep chain in perfect alignment with bar groove.
SIZE: .404 by 7 tooth
CHAIN SPEED: No Load chain speed 98.5 FPS (feet per second)

GUIDE BAR
TYPE: Solid one piece construction, No Rivets/No Laminates… 20" and 16" slotted for Guard/Depth Gauge.

MATERIAL
TITANIUM ALLOY, 7 mm thick;
STYLE: Roller Blade/Speed Ring with sealed bearing.
CUTTING LENGTHS: 20", 16" and 12"
SIZE: .404 Pitch .063 Gauge

CUTING CHAIN
CUTTERS EDGE BULLET® Chain
TYPE: Carbide Tipped BULLET® Chain
SIZE: .404 pitch .063 Gauge

CUTTING CHAIN LUBRICATION SYSTEM
TYPE: Fully automatic, adjustable
DRIVE SYSTEM: Geared to Centrifugal Clutch
LUBRICANT: Cutters Edge "High Tack" Bar & Chain Oil or high quality bar & chain oil.
OIL TANK CAPACITY: 14.24 fl. oz. (0.42 liters)

HANDLES
TYPE: Front/Top… Full Wrap (For ease of use with gloves, from either side of saw) Back… Flared base for kickback guard Full isolation anti-vibration.

VIBRATION LEVELS
* FRONT HANDLE M/S2 :3, 6
* REAR HANDLE M/S2 :5, 7
(* see Note 2)

SILENCING
MUFFLER: Oversize, top ported, low restriction with fire screen.
** NOISE LEVEL: 102dB(A) at maximum output.
(** see Note 1)

GUARD/DEFLECTOR
TYPE: Aluminum front mount to cover muffler and control air-flow for delivery of cleaner, cooler air to cylinder heat exchangers…
(Keeps engine running cooler and reduces maintenance)

CHAIN BRAKE
TYPE: Inertia Activated
STYLE: Free-Swinging Pendulum
BREAKING TIME: < 0.20 second

GUARD/DEPTH GAUGE® (Optional)
(No tools needed for installation, adjustments or removal.)
FUNCTION: Covers all the cutting chain, allows saw operator to set depth of cut to avoid cutting structural members.
MATERIAL: Anodized aluminum
TYPE: D6 for 16" saw… D8 for 20" saw 3-point mount, positive lock with depth of cut scale.
DEPTH OF CUT: D6 = 6" D8 = 8"

WEIGHT
POWERHEAD ONLY: 13.9 lbs. (Dry Weight)

CE-2165RS-12":	21.0 lbs.
CE-2165RS-16":	21.5 lbs.
CE-2165RS-20":	22.0 lbs.
CE-2165RS/D6:	24.0 lbs.
CE-2165RS/D8:	24.5 lbs.

STANDARD ACCESSORIES
ACCESSORIES INCLUDED WITH ALL FIRE RESCUE SAWS
"Scrench" holder and "Scrench" tool, complete tool kit including grease gun and packet of grease, complete manuals, filter oil, Cutters Edge 2-cycle oil mix, Cutters Edge bar & chain oil, bar scabbard (saws without D6 and D8 only)
INCLUDED WITH D6 & D8 SAWS ONLY…
Training video for Guard/Depth Gauge assembly, operation and maintenance.

Model CE-2171-RS

ENGINE
TYPE: Single-cylinder 2-cycle, with loop scavenging
DISPLACEMENT: 4.3 cu. in. (70.7 cc)
BORE: 1.97 in. (50 mm)
STROKE: 1.4 in. (36 mm)
COMPRESSION RATIO: 10.2:1 (±0.3)
BEARINGS: Heavy-duty deep-groove ball bearings on crankshaft, needle cage bearings on connecting rod, piston pin and clutch.
CYLINDER/PISTON: Closed ported, dual ring design with four transfer ports.
CYLINDER MATERIAL: Nikasil
MAX ENGINE SPEED: No load… 13,500 RPM

IGNITION SYSTEM
TYPE: Electronic, one piece modular, CD
BRAND: FHP
SPARK PLUG: Champion CJ7Y or equivalent
GAP: 0.020 in. (0.5 mm)

STARTING SYSTEM
ONE STEP STARTING SYSTEM WITH COMPRESSION RELEASE
Comprised Of…
Momentary contact switch
Combined choke/throttle lock with throttle safety guard.

AIR FILTRATION
SYSTEM: "RAM-AIR" with metered stack
TYPE: 4-stage, oil tack barrier, external mount
SURFACE AREA: 211.4 Square Inches
MICRON RATING: < 1 micron

FUEL & ENGINE LUBRICATION
GASOLINE OCTANE RATING: Use 87 octane or higher.
FUEL MIX OIL/RATIO: With Cutters Edge Synthetic Oil: …100:1
If petroleum base 2-cycle oil used: …50:1
FUEL TANK CAPACITY: 26.8 fl. oz. (0.77 liters)

CARBURETOR ISOLATION
Designed to eliminate Vapor-lock
TYPE: Air gap isolation and Bakeolite insulation Pressurized carburetor compartment keeps out dirt.

DRIVE SYSTEM
TYPE: Inboard, 3-shoe centrifugal clutch
STYLE: Rim & Drum System
Radially Ported to keep rim free of tar & debris build-up… free floating to keep chain in perfect alignment with bar groove.
SIZE: .404 by 8 tooth
CHAIN SPEED: No Load chain speed 121.6 FPS (feet per second)

GUIDE BAR
TYPE: Solid one piece construction, No Rivets/No Laminates… 20" and 16" slotted for Guard/Depth Gauge.

MATERIAL
TITANIUM ALLOY, 7 mm thick;
STYLE: Roller Blade/Speed Ring with sealed bearing.
CUTTING LENGTHS: 20", 16" and 12"
SIZE: .404 Pitch .063 Gauge

CUTING CHAIN
CUTTERS EDGE BULLET® Chain
TYPE: Carbide Tipped BULLET® Chain
SIZE: .404 pitch .063 Gauge

CUTTING CHAIN LUBRICATION SYSTEM
TYPE: Fully automatic, adjustable
DRIVE SYSTEM: Geared to Centrifugal Clutch
LUBRICANT: Cutters Edge "High Tack" Bar & Chain Oil or high quality bar & chain oil.
OIL TANK CAPACITY: 14.24 fl. oz. (0.42 liters)

HANDLES
TYPE: Front/Top… Full Wrap (For ease of use with gloves, from either side of saw) Back… Flared base for kickback guard Full isolation anti-vibration.

VIBRATION LEVELS
* FRONT HANDLE M/S2 :4, 6
* REAR HANDLE M/S2 :5, 2
(* see Note 2)

SILENCING
MUFFLER: Oversize, top ported, low restriction with fire screen.
** NOISE LEVEL: 104dB(A) at maximum output.
(** see Note 1)

GUARD/DEFLECTOR
TYPE: Aluminum front mount to cover muffler and control air-flow for delivery of cleaner, cooler air to cylinder heat exchangers…
(Keeps engine running cooler and reduces maintenance)

CHAIN BRAKE
TYPE: Inertia Activated
STYLE: Free-Swinging Pendulum
BREAKING TIME: < 0.20 second

GUARD/DEPTH GAUGE® (Optional)
(No tools needed for installation, adjustments or removal.)
FUNCTION: Covers all the cutting chain, allows saw operator to set depth of cut to avoid cutting structural members.
MATERIAL: Anodized aluminum
TYPE: D6 for 16" saw… D8 for 20" saw 3-point mount, positive lock with depth of cut scale.
DEPTH OF CUT: D6 = 6" D8 = 8"

WEIGHT
POWERHEAD ONLY: 13.9 lbs. (Dry Weight)

CE-2171RS-12":	21.0 lbs.
CE-2171RS-16":	21.5 lbs.
CE-2171RS-20":	22.0 lbs.
CE-2171RS/D6:	24.0 lbs.
CE-2171RS/D8:	24.5 lbs.

STANDARD ACCESSORIES
ACCESSORIES INCLUDED WITH ALL FIRE RESCUE SAWS
"Scrench" holder and "Scrench" tool, complete tool kit including grease gun and packet of grease, complete manuals, filter oil, Cutters Edge 2-cycle oil mix, Cutters Edge bar & chain oil, bar scabbard (saws without D6 or D8 only)
INCLUDED WITH D6 & D8 SAWS ONLY…
Training video for Guard/Depth Gauge assembly, operation and maintenance.

Specifications are subject to change without notice

**Note 1: Equivalent noise level is, according to ISO 7182 and ISO 9207 calculated as the time-weighted energy total for noise levels under various working conditions with the following time distribution: 1/3 idle, 1/3 full load, 1/3 full speed.

*Note 2: Equivalent vibration level is, according to ISO 7505 calculated as the time-weighted energy total for vibration levels under various working conditions with the following time distribution: 1/3 idle, 1/3 full load, 1/3 full speed.

Cutters Edge, D8 Guard/Depth Gauge® and BULLET® Chain are registered trademarks of Edge Industries Inc. Pat 5,056,395 5,156,156 P.O. Box 1179, Julian CA 92036 USA

All specifications are subject to change without notice.

BULLET® Chain

Fire Department Style Carbide Tipped Chain

The Safest Chain Made Today…Virtually Eliminates Kickback.

The first and only chain designed from the ground up for fire department ventilation, forcible entry, and rescue operations.

The BULLET® Chain's patented cutter is a solid piece of metal without bends or ground out areas that cause weak points. The carbide insert is formulated specifically for fire department use and uses a unique patented "locking key" to mount it to the cutter body.

The raker gauge is shaped like the nose of a bullet to protect the carbide insert from impact and the gullet is very narrow to stop any "hooking", while also reducing impact.

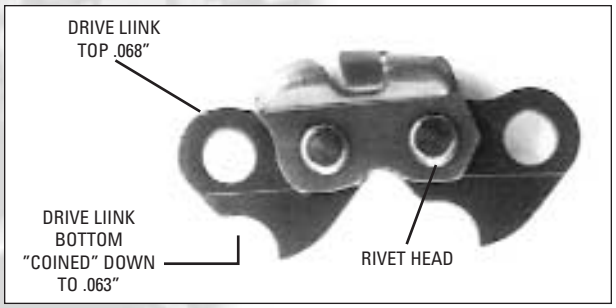
Rathan "cutting", the BULLET® Chain actually "files". Because the cutting edge is exposed around the entire circumference of the cutter, material is removed remarkably fast.

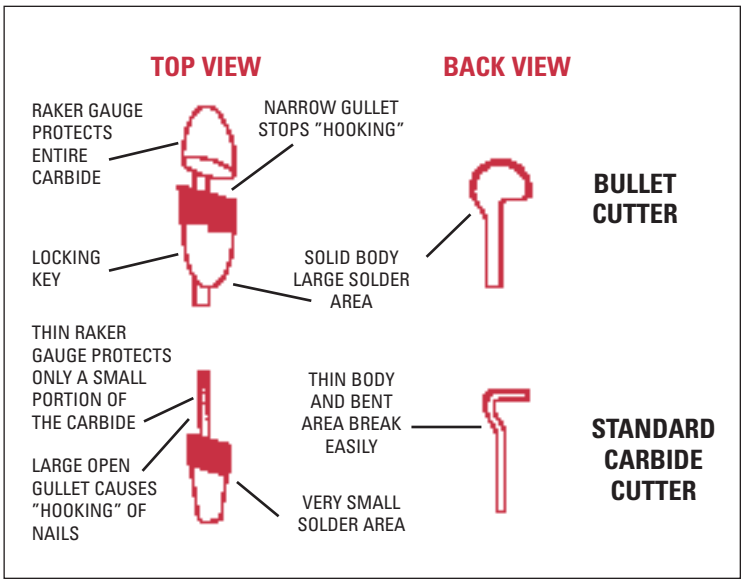
The BULLET® cutter is .068" thick (sixty eight thousands)… that's up to .18" (eighteen thousands) thicker than other chains! For even more strength, the drive links are also .068" thick (sixty eight thousands) at the rivet holes, then "coined" down to .063" to fit into the groove of our guide bar and many standard guide bars. Extremely tough tempered rivets with .068" hubs are used to hold it all together and reduce stretching.

The sesult is a fast cutting, extremely durable fire service carbide chain. Extensive in service use shows tghe BULLET® Chain outlasting standard carbide chain up to 20 times!

And of course, when the BULLET® Chain gets dull or cutters are broken it can be repaired and sharpened quickly and inexpensively by Edge Industries or your local Cutters Edge dealer.

PATENT NUMBER
5,056,395





All specifications are subject to change without notice.

Universal Guard/Depth Gauge®

Added Safety and Ease of Use for Most Chain Saws

I you use a chain saw for cutting ventilation, forcible entry, or rescue… the Universal Guard/Depth Gague® will enhance safety and increase the ease and speed of your cutting!

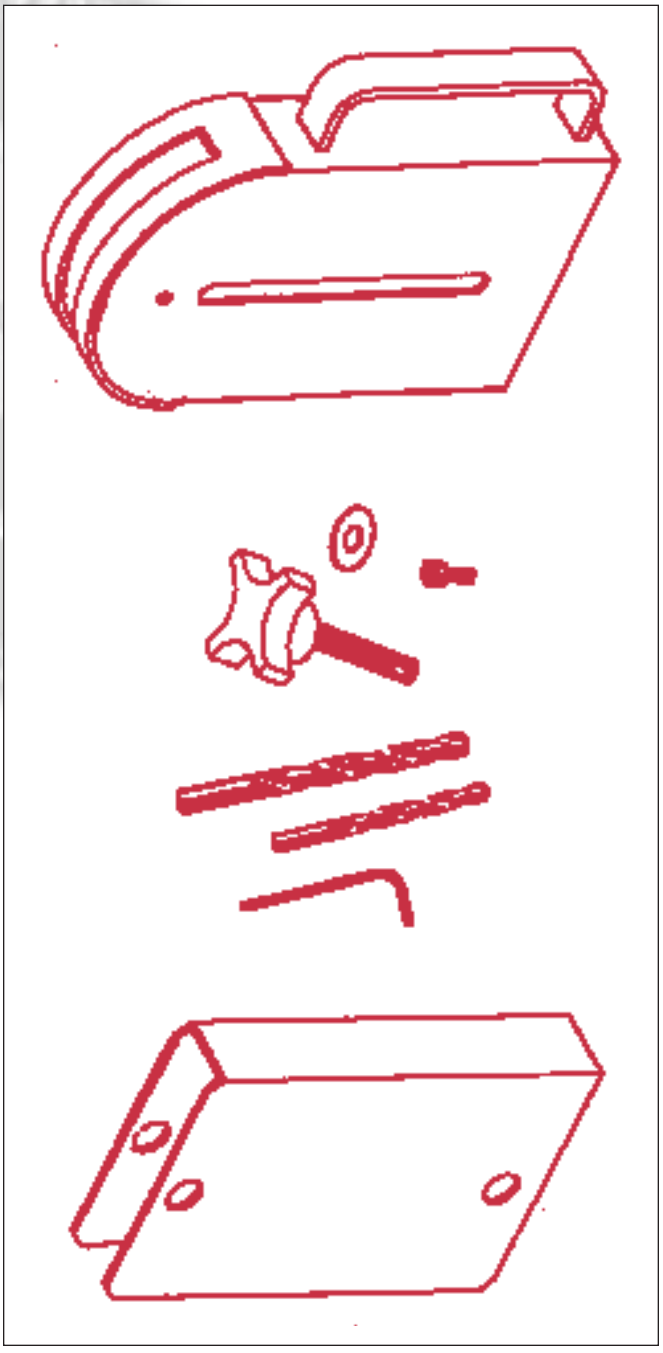
Designed after the Cutters Edge D8 Guard/Depth Gauge® the universal design fits almost all sizes and brands of chain saw. When used with a 16" (or smaller) Guide Bar the Universal Guard/Depth Gauge® will cover all the cutting chain. If used on guide bars longer than 16", only the portion of chain between the engine and back edge of the guard will be exposed.

The Universal Guard/Depth Gauge® is easy to mount to almost any chain saw. Instructions, cobalt drill bits, and allen wrench are included. Drill two holes, screw in one screw, and you are ready to cut.

- Only one moving part.
- Large adjusting knob for fast adjustments with gloves on.
- Large depth of cut scale with infinite adjustment from 0" to 6" deep.
- Can be removed in minutes… for conventional chain saw applications.
- Operator is protected from contact with the chain.
- Reduces the danger of kickback.
- Allows for extended reach.
- Provides for greater control.
- Speeds ventilation cuts.
- Eliminates the danger of cutting through rafters.
- Gets you off the roof faster.

Cutters Edge® BULLET CHAIN® and Titanium Guide Bars are available to fit many chain saws (over 3.5 cu. in.).
Contact Cutters Edge or your local Cutters Edge Dealer for a quote.

GET THE EDGE



All specifications are subject to change without notice.

Quikvent™ Ventilation Saws

QV-670 / QV-675

THE PREFERRED CHOICE AMONG FIRE/RESCUE PERSONNEL FOR VENTILATING BUILDING STRUCTURES.

- Patented droop nose bar with Carbide chain provides optimum angle for cutting through wood and asphalt shingles.
- Unique patented skid plate allows operator to pivot the bar nose into a structure.
- Extra large, easy-grip starter handle.
- External idle control adjustment.
- Heavy-duty cartridge-type air filter.
- Side access chain tensioner.

Bonus - QV-675 includes steel carrying case, 1 gal. QV bar and chain oil and 1 gal. safety gas can.

QV-8000 / QV-8050

THIS PROFESSIONAL VENTILATION SAW INCORPORATES MANY OF THE SAME FEATURES AS THE QV-670/675, PLUS THE FOLLOWING:

- Echo's largest chain saw power head 80.7 cc.
- Superb power-to-weight ratio, lighter than most other saws in its class.

Bonus - QV-8050 includes steel carrying case, 1 gal. QV bar and chain oil and 1 gal. safety gas can.

Echo offers a full line of accessories to complement your chain saw or QuikVent™. All with the same quality and workmanship you expect from Echo.

CHAIN SAW/QUIKVENT™ ACCESSORIES

CHAIN SAW BARS AND CHAINS

CHAIN SAW MODEL	BAR LENGTH	BAR ITEM NUMBER	CHAIN ITEM NUMBER
ECS-2000	12″	120374001	917045
ECS-3000	16″	160375001	917056
CS-300/340/345 (Intenz™)	12″	120374501 (122374501)	917045
	14″	140375201 (142375201)	917052
	16″	160375701 (162375701)	917056
CS-4400/5000/ 510	16″	160336601	333066
	18″	180337201	333072
	20″	200337801	333078
CS-6700/670	16″	160386001	727060
	20″	200387001	727070
	24″	240388101	727081
	27″	270389301	727093
CS-8000	20″	200387001	727070
	24″	240388101	727081
	27″	270389301	727093
	32″	320380501	7270105
	36″	360381601	7270116

CHAIN SAW ACCESSORIES

ITEM NUMBER	DESCRIPTION
999440-00020	Felling Wedge
999888-00207	Removable Nose Case for CS-280E, 330EVL, 300, 340, 345, ECS-2000, ECS-3000
999888-01205	Fixed Nose Case for CS-3900, 4400, 4600, 5000, 510, 6700, 670 (20″ bar)
898503-08032	17″ Bar & Chain Scabbard
898503-08033	20″ Bar & Chain Scabbard

KICK GUARDS

ITEM NUMBER	CHAIN SAW MODEL
99988800016	ECS-2000/3000
2894901	CS-300/340-345
2893201	CS-4400/5000/510/6700/670/8000

QUIKVENT™ ACCESSORIES

ITEM NUMBER	DESCRIPTION
999888-00045	QuikVent™ Carbide Chain Loop
999888-00050	QuikVent™ Bar & Chain Oil
999888-00141	QuikVent™ Bar
999447-00190	QuikVent™ Storage Case
999888-01011	One Gallon Safety Gas Can
999888-01140	QuikVent™ Scabbard

MODEL	ENGINE DISPLACEMENT (cc.)	CARBERETOR	PRO-FIRE® ELECTRONIC IGNITION	ENGINE TYPE	OILING SYSTEM	CHAIN BRAKE	STD BAR LENGTH (in.)	FUEL CAPACITY (ft. oz.)	OIL CAPACITY (fl. oz.)	VIBRATION REDUCTION SYSTEM	DRY WEIGHT* (lbs.)	WARRANTY
QV-670	66.7	Diaphragm	STD	Air Cooled Two-Stroke	Auto & Manual Override	STD	12	21	10.5	STD	15.2	2 yr. con. 1 yr. com. 90 day ren.
QV-675	66.7	Diaphragm	STD	Air Cooled Two-Stroke	Auto & Manual Override	STD	12	21	10.5	STD	15.2	2 yr. con. 1 yr. com. 90 day ren.
QV-8000	80.7	Diaphragm	STD	Air Cooled Two-Stroke	Auto & Manual Overide	STD	12	27.7	13.5	STD	18.3	2 yr. con. 1 yr. com. 90 day ren.
QV-8050	80.7	Diaphragm	STD	Air Cooled Two-Stroke	Auto & Manual Overide	STD	12	27.7	13.5	STD	18.3	2 yr. con. 1 yr. com. 90 day ren.

* Without bar and chain.

All specifications are subject to change without notice.

Super Blade

Edge Carbide Chip Blade

The most effective, efficient, versatile and longest lasting rescue saw blade available.

Rescue personal report that the WHITE EDGE SUPER BLADE lasts 10 to 20 times longer than standard carbide tipped blades and cuts many materials that abrasive wheels and diamond blades cannot. The SUPER BLADE cuts *FASTER* and *CLEANER* than any other blade you have ever used, resulting in faster ventilation/rescues and leading to more lives saved.

SUPER BLADE represents leading edge technology in carbide blade development.

The WHITE EDGE carbide "chip" design exposes over 300 cutting chips that rapidly saw through almost anything it has to. These remarkable blades come in 12", 14" and 16" diameters and fit all brands of circular blade rescue saws with 1", $^{7}/_{8}$" and 20 mm arbors.

CUTS FAST AND CLEAN THROUGH…

- Insulation materials
- Tar & gravel roofs
- Metal studs
- Shingle roofs
- Corrugated roofing
- Hardwood floors
- Auto body parts
- Sheet metal, tin
- Paperboards
- Countertops
- Cardboards
- Drywall
- Woods
- Press wood
- Aluminum
- Tree roots
- Hard boards
- Pallets
- Tires
- Decking
- Timber
- Rail ties
- Plastic

WARNING: Certain manufactures prohibit using carbide blades of any type on their saws. When purchasing new rescue saws or carbide blades for existing equipment make sure you secure manufactures authorization to use this product.

IMPORTANT: The SUPER BLADE will cut a multitude of materials. However, it is NOT designed to cut through CONCRETE or STEEL. Continue to use abrasive wheels and diamond blades to cut these materials.

All specifications are subject to change without notice.

"Turbo Cut System!

Smooth and Powerful

Two words that perfectly describe Eskimo's Barracuda ice auger.

Our TURBO cut system delivers smooth cutting in all ice conditions, even through old holes!

You'll love the look of our featured Purple and Silver powder coat finish!

Unbelievable quality in a mid-price auger!

"A GREAT NEW AUGER FROM ESKIMO!"

MADE IN USA

2-HP ESKIMO 8900 BARRACUDA

BARRACUDA ICE AUGERS BY ESKIMO	
STOCK NO.	**DESCRIPTION**
8900B6	2-hp Barracuda 8900 w/6" Auger
8900B8	2-hp Barracuda 8900 w/8" Auger
8900B10	2-hp Barracuda 8900 2/10" Auger
9000B8	3-hp Barracuda Plus 9000 w/8" Auger
9000B10	3-hp Barracuda Plus 9000 w/10" Auger

All specifications are subject to change

All specifications are subject to change without notice.